

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-26 (cancelled).

27. (currently amended) Installation according to Claim ~~26~~ 42, wherein the modules are cylindrical containers substantially having a diameter of 30 cm and a length of 80 cm.

28. (currently amended) ~~Installation according to Claim 21,~~ Installation for filtration of water by membranes, the installation comprising a main raw water inlet, a connection to a drain, an outlet of produced water, wherein a filtration volume filled with water to be filtered has a height of water adapted to create a differential pressure sufficient to provoke filtration through the membranes, wherein the membranes are of fibre with outer skin substantially disposed in a U-shape, whose two open ends are located downward, potting being carried out at the low point of the membranes,

wherein the membranes are disposed in cylindrical containers thus forming modules, each said module comprising a raw water feed pipe connected to a top section of the module to receive the water to be filtered from the main raw water inlet and being coupled to the outlet of produced water, and

wherein the modules are disposed substantially at a bottom of a basin.

29. (previously presented) Installation according to Claim 28, wherein the modules are gathered in groups around a filtration collector for the water coming from the filtration, to which the modules are connected.

30. (previously presented) Installation according to Claim 29, wherein each said group comprises two substantially parallel lines of 10 modules.

31. (cancelled).

32. (currently amended) ~~Installation according to Claim 31,~~ Installation for filtration of water by membranes, the installation comprising a main raw water inlet, a connection to a drain, an outlet of produced water, wherein a filtration volume filled with water to be filtered has a height of water adapted to create a differential pressure sufficient to provoke filtration through the membranes, wherein the membranes are of fibre with outer skin substantially disposed in a U-shape, whose two open ends are located downward, potting being carried out at the low point of the membranes,

wherein the membranes are disposed in cylindrical containers thus forming modules, each said module comprising a raw water feed pipe connected to a top section of the module to receive the water to be filtered from the main raw water inlet and being coupled to the outlet of produced water,

wherein the modules are disposed substantially vertically, and

wherein the modules are disposed in a filtration basin, and further,
wherein the raw water feed pipes have free ends located substantially at mid-
height of a the filtration basin.

33. (currently amended) Installation according to Claim 32, wherein the
raw water feed pipes are, at free ends, oriented downwards, are positioned such
that free ends thereof are oriented downwards and wherein the installation
further comprises evacuation channels located under the free ends of the raw
water feed pipes, the channels being connected to a drainage valve discharging
into ~~the~~ a drain.

34. (currently amended) Installation according to Claim 29, wherein each
said filtration collector comprises a valve separating the filtration collector from
a transfer path of the filtered water to a produced water outlet valve and a
storage.

35. (previously presented) Installation according to Claim 34, further
comprising a line for re-injection of produced water into the transfer path
upstream of the produced water outlet valve and a re-injection pump located on
the line.

36. (previously presented) Installation according to Claim 35, further comprising a station for injection of chlorine and a station for injection of soda discharging into the re-injection line.

37. (currently amended) ~~Installation according to Claim 21,~~ Installation for filtration of water by membranes, the installation comprising a main raw water inlet, a connection to a drain, an outlet of produced water, the membranes being immersed in a filtration volume filled with water to be filtered, whose height of water above the membranes is adapted to create a differential pressure sufficient to provoke the filtration through the membranes, wherein the membranes are of fibre with outer skin substantially disposed in a U-shape, whose two open ends are located downward, potting being carried out at the low point of the membranes,

wherein the membranes are disposed in cylindrical containers thus forming modules, each said module comprising a raw water feed pipe connected to a top section of the module, and

wherein the membrane modules are disposed at a bottom of a dry compartment of the installation, and wherein the modules are fed by gravity ~~with~~ via closed ones of the raw water feed pipes with the water to be filtered by ~~closed pipes,~~ said closed ones of the raw water feed pipes also serving for conveying a backwashing water.

38. (currently amended) Method of filtration of water by immersed ultrafiltration membranes, ~~of the ultrafiltration membrane type~~, the filtration through the membranes being carried out using, as a source of differential pressure, the height of water present in ~~the~~ a basin in which the membranes are ~~immersed and are of the fibre type with outer skin, potted at the~~ immersed, the membranes are made of fibre with an outer skin, and are potted at a low point of the said membranes,

wherein the membranes are disposed in cylindrical containers thus forming modules, each module comprising a raw water feed pipe connected to ~~the~~ a top section of the module.

39. (currently amended) Method of rehabilitation of an existing sand basin water purification unit ~~of the so-called sand basin type~~, comprising a basin provided with a bottom floor, an intermediate floor on which ~~the~~ a sand bed stands, a raw water inlet, wherein ~~comprising stages of~~ the method comprises the steps of removal of the sand bed, ~~of~~ destruction of the intermediate floor, ~~of~~ installation of at least one intermediate channel for the evacuation of washing sludges located substantially at mid-height of the filtration basin and closed by a valve discharging into ~~the~~ a drain, ~~of~~ installation on the bottom floor of a series of membrane ultrafiltration modules, the membranes being ~~of the fibre type~~ made of fibre with outer skin potted at their low point, disposed in ~~containers~~ and containers, wherein the operating pressure of these membranes ~~being~~ is created by the height of raw water stored in the basin above these membranes.

40. (previously presented) Method of rehabilitation according to Claim 39, wherein it further comprises a phase of testing the integrity of the membranes of a group comprising the following stages:

closing the produced water valve of a collector,
injection of compressed air into the collector of the group,
emptying by reverse filtration ("permeation") of the water contained on the permeate side,
stopping the compressed air supply,
measuring the pressure drop.

41. (cancelled)

42. (currently amended) ~~Installation according to Claim 26,~~ Installation for filtration of water by membranes, the installation comprising a main raw water inlet, a connection to a drain, an outlet of produced water, wherein a filtration volume filled with water to be filtered has a height of water adapted to create a differential pressure sufficient to provoke filtration through the membranes, wherein the membranes are of fibre with outer skin substantially disposed in a U-shape, whose two open ends are located downward, potting being carried out at the low point of the membranes,

wherein the membranes are disposed in cylindrical containers thus forming modules, each said module comprising a raw water feed pipe connected

to a top section of the module to receive the water to be filtered from the main raw water inlet and being coupled to the outlet of produced water,

wherein the membrane area of each module is substantially 125 m², and

wherein the modules are disposed substantially at the bottom of a basin.

43. (previously presented) Installation according to Claim 27, wherein the modules are disposed substantially at the bottom of a basin.

44. (cancelled)

45. (previously presented) Installation according to Claim 27, wherein the modules are disposed substantially vertically.

46. (previously presented) Installation according to Claim 28, wherein the modules are disposed substantially vertically.

47. (previously presented) Installation according to Claim 29, wherein the modules are disposed substantially vertically.

48. (previously presented) Installation according to Claim 30, wherein the modules are disposed substantially vertically.